



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Blakesley et al.

U.S.S.N.: 10/600,584

GROUP ART UNIT: 1615

FILED: June 19, 2003

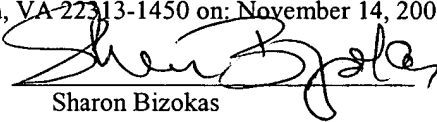
EXAMINER: Not Assigned

FOR: ARCHIVING OF VECTORS

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: November 14, 2003

By:


Sharon Bizokas

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. _____ Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. X This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 09/354,664, filed on July 16, 1999. The following references were submitted to, and/or cited by, the Office in the prior application (s) and, therefore, are not required to be provided in this application.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. _____ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. _____ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. X The following additional information is provided for the Examiner's consideration:
- X Copy of PCT Search Report
X Copy of European Search Report

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
(check one box)

- a. _____ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1). No fee or certification is required.
- b. _____ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2). No fee or certification is required.

- c. X Before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. _____ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

- b. X See the certification below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. _____ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. _____ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

c. _____ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

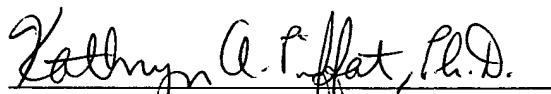
_____ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.

 X No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. **04-1105**.

Respectfully submitted,

Date: November 14, 2003


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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.

45858/55670-DIV

SERIAL NO.

10/600,584

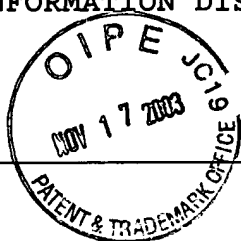
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UNITED STATES PATENT DOCUMENTS

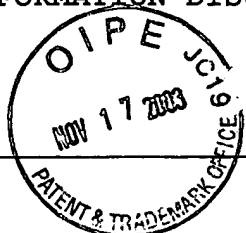
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	AA	4,997,932	03/05/91	Reardon et al.	536	27	11/13/89
	AB	5,496,562	3/5/96	Burgoyne	424	488	11/30/93
	AC	5,652,141	7/29/97	Henco et al.	435	270	5/16/95
	AD	5,658,548	8/19/97	Padhye et al.	423	335	6/7/95
	AE	5,756,126	5/26/98	Burgoyne	424	488	6/7/95
	AF	5,807,527	9/15/98	Burgoyne	422	488	9/21/95
	AG	4,483,920	11/20/84	Gillespie et al.	435	6	5/17/82
	AH	4,833,239	5/23/89	DeBonville et al.	536	27	1/29/87
	AI	4,997,932	3/5/91	Reardon et al.	536	27	11/13/89
	AJ	5,047,345	9/10/91	DeBonville et al.	435	270	6/2/89
	AK	5,187,083	2/16/93	Mullis	435	91	11/13/90
	AL	5,234,809	8/10/93	Boom et al.	435	91	7/1/91
	AM	5,234,824	8/10/93	Mullis	435	91	6/2/92
	AN	5,438,128	8/1/95	Nieuwkerk et al.	536	25.4	2/7/92
	AO	5,804,684	9/8/98	Su	536	25.4	8/24/95
	AP	5,989,431	11/23/99	Evans et al.	210	645	12/8/98
	AQ	6,027,750	2/22/00	Gautsch et al.	424	489	1/25/96

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	WO 96/39813	12/19/96	WIPO			
	BB	WO 99/13976	3/25/99	WIPO			
	BC	WO 99/38962	8/5/99	WIPO			
	BD	WO 99/39009	8/5/99	WIPO			
	BE	WO/99/39010	8/5/99	WIPO			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BF	WO 99/16869	4/8/99	WIPO			
	BG	WO 00/40697	7/13/00	WIPO	C12N		6/1/00

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

		GENTRA Systems, "Generation™ Capture Column™ Kit: Technical Report," Minneapolis, MN (October 1997)
		Rogers, C., and Burgoyne, L., "Bacterial Typing: Storing and Processing of Stabilized Reference Bacteria for Polymerase Chain Reaction without Preparing DNA - An Example of an Automatable Procedure," Anal. Biochem. 247:223-227 (May 1997)
		English Language abstract of JP 62-104581, Dialog Accession No. JP362104581A, May 15, 1987
		English Language abstract of DE 4333805, Dialog Accession No. DE004333805A1, March 2, 1995
		English Language abstract of WO 96/08500, March 26, 1996
		Natarajan P., Trinh T., Mertz L., Goldsborough M., Fox DK., Paper-based archiving of mammalian and plant samples for RNA analysis. Biotechniques 29(6):1328-1333 (2000)
		Hanahan Studies on transformation of Escherichia coli with plasmids, J. Mol. Biol. 166:557-580 (1983)
		Smith et al., Biolistic transformation of prokaryotes: factor that affect biolistic transformation of very small cells, Journal of General Microbiology, 138:239-248 (1992)

Examiner:

Date: